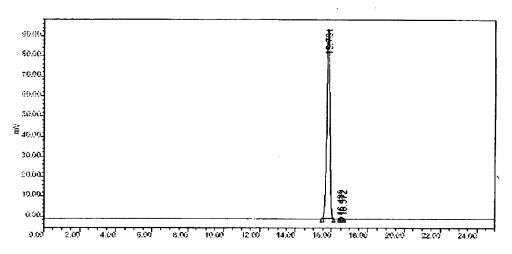
Inventors: Ikuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 1 of 21

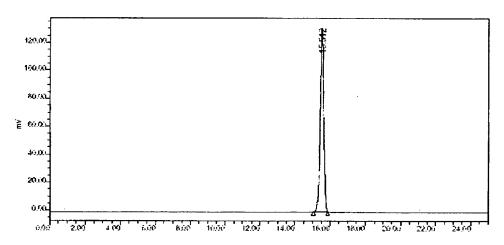
Sheet 1 of 1/21

FIG. 1



HPLC CHROMATOGRAM OF Tc-99m-PEPTIDE 4

FIG. 2

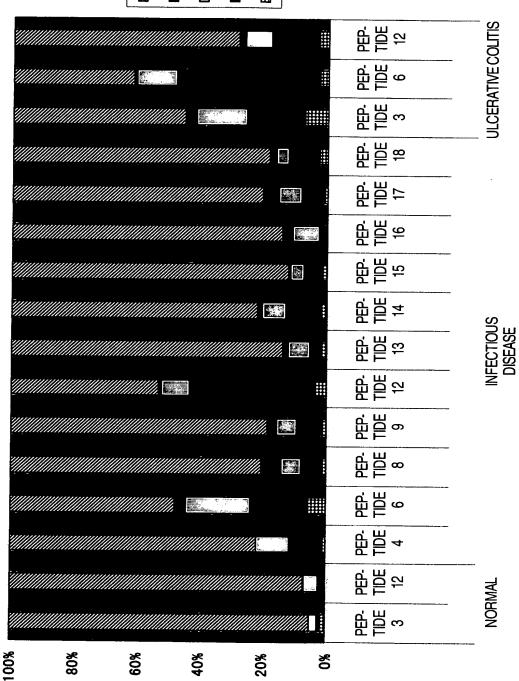


HPLC CHROMATOGRAM OF To-99m-PEPTIDE 6

Inventors: Ikuya SEKI, et al. National Stage of PCT/JP03/12362 -filed September 26, 2003 Filing Date: March 23, 2005 SUGHRUE Reference No.: Q86824 SUGHRUE Telephone No.: 202-293-7060 Sheet 2 of 21

2/21

ERYTHROCYTE



DISTRIBUTION OF Tc-99m-PEPTIDE IN RABBIT BLOOD

RADIOACTIVITY OF COMPONEUTS/TOTAL RADIOACTIVITY (%)

Inventors: Ikuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060

Sheet 3 of 21

3/21

FIG. 4

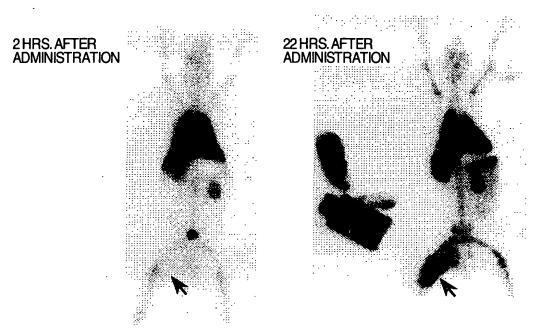


IMAGE OF To 99m-PEPTIDE 3 IN MODEL RABBIT WITH INFECTIOUS DISEASE

FIG. 5

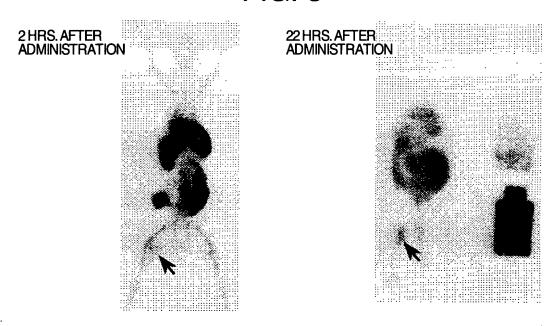


IMAGE OF To-99m-PEPTIDE 4 IN MODEL RABBIT WITH INFECTIOUS DISEASE

inventors: Ikuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060

Sheet 4 of 21 4/21

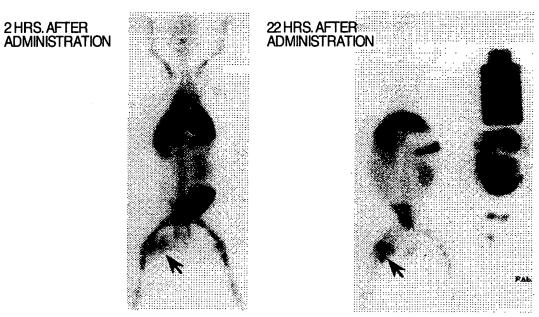


IMAGE OF To-99m-PEPTIDE 6 IN MODEL RABBIT WITH INFECTIOUS DISEASE

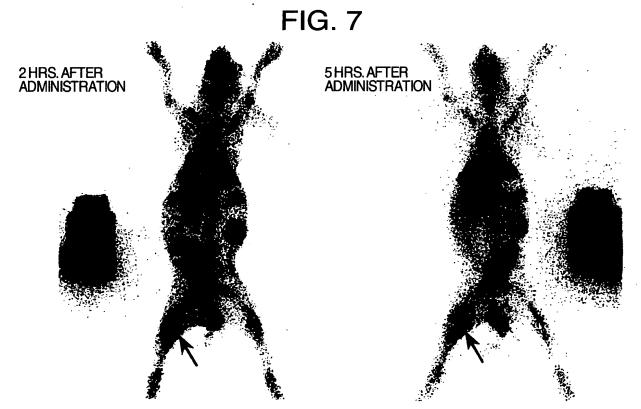


IMAGE OF To-99m-PEPTIDE 8 IN MODEL RABBIT WITH INFECTIOUS DISEASE

National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005

Filing Date: March 23, 2005 SUGHRUE Reference No.: Q86824 SUGHRUE Telephone No.: 202-293-7060 Sheet 5 of 21

Inventors: Ikuya SEKI, et al.

5/21

20/528771

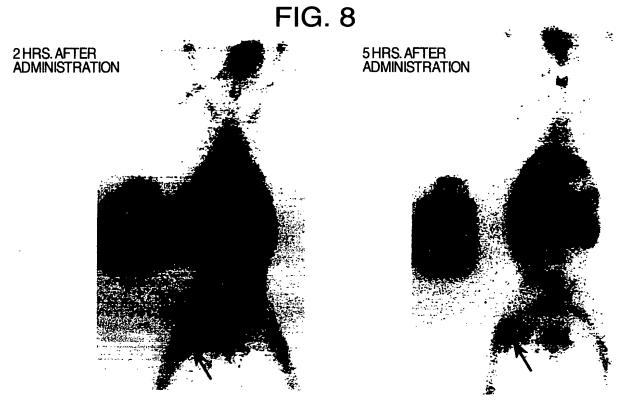


IMAGE OF To-99m-PEPTIDE 9 IN MODEL RABBIT WITH INFECTIOUS DISEASE

FIG. 9

22 HRS. AFTER ADMINISTRATION

22 HRS. AFTER ADMINISTRATION

IMAGE OF To-99m-PEPTIDE 12 IN MODEL RABBIT WITH INFECTIOUS DISEASE

Inventors: Ikuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 6 of 21

6/21

FIG. 10



IMAGE OF To-99m-PEPTIDE 13 IN MODEL RABBIT WITH INFECTIOUS DISEASE

Inventors: Ikuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 7 of 21

7/21



IMAGE OF To-99m-PEPTIDE 14 IN MODEL RABBIT WITH INFECTIOUS DISEASE

Inventors: Ikuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 8 of 21

8/21



IMAGE OF To-99m-PEPTIDE 15 IN MODEL RABBIT WITH INFECTIOUS DISEASE

Inventors: Ikuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 9 of 21

9/21



IMAGE OF To-99m-PEPTIDE 16 IN MODEL RABBIT WITH INFECTIOUS DISEASE

Inventors: Ikuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 10 of 21

10/21

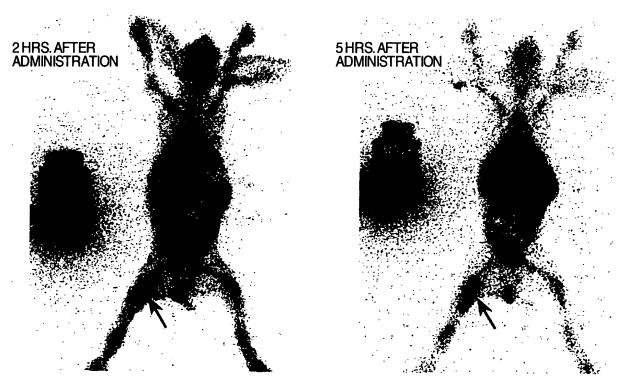


IMAGE OF To-99m-PEPTIDE 17 IN MODEL RABBIT WITH INFECTIOUS DISEASE

Inventors: Ikuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 11 of 21

11/21

10/528774

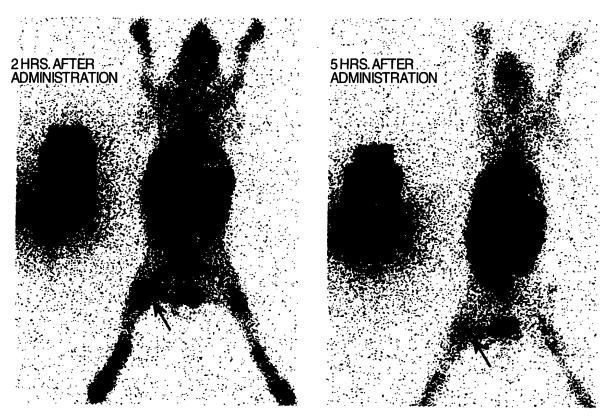
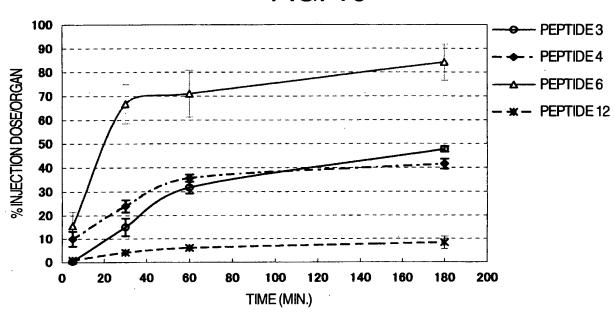


IMAGE OF To-99m-PEPTIDE 18 IN MODEL RABBIT WITH INFECTIOUS DISEASE

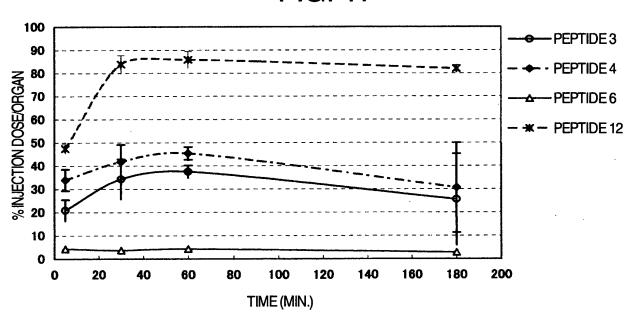
Inventors: Ikuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 12 of 21
12/21

FIG. 16



TIME COURSE CHANGE OF URINARY EXCRETION OF To-99m-PEPTIDES IN NORMAL RATS

FIG. 17

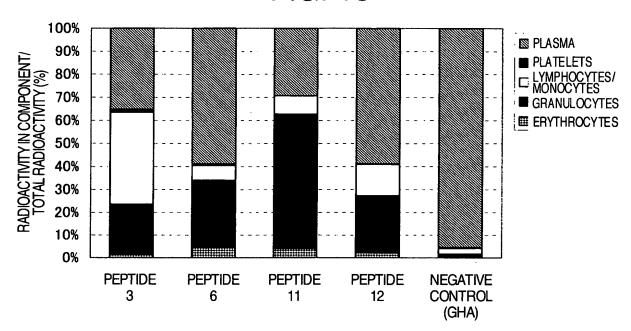


TIME COURSE CHANGE OF ACCUMULATION OF To-99m-PEPTIDES IN SMALL INTESTINE ON NORMAL RATS

Inventors. Ikuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 13 of 21

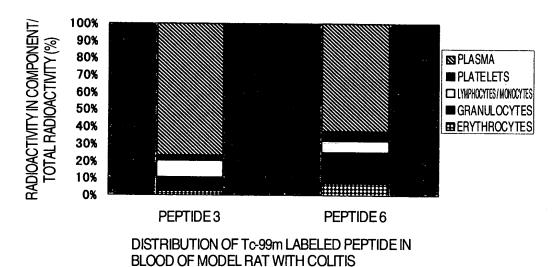
13/21

FIG. 18



DISTRIBUTION OF To-99m-PEPTIDE IN HUMAN BLOOD

FIG. 19



Inventors: Ikuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 14 of 21

14/21

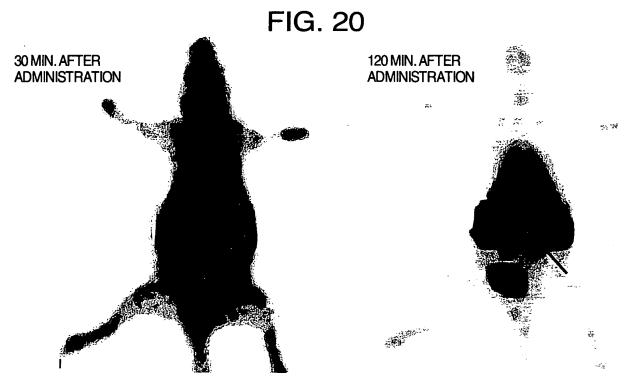


IMAGE OF To-99m LABELED PEPTIDE 3 IN MODEL RAT WITH COLITIS

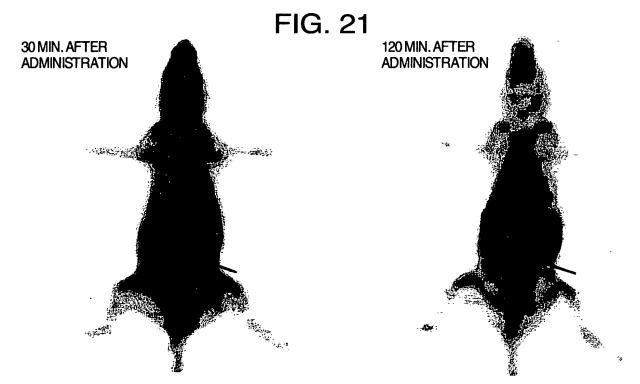


IMAGE OF To-99m LABELED PEPTIDE 6 IN MODEL RAT WITH COLITIS

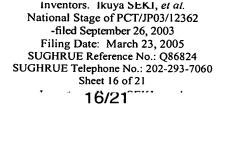
Inventors: Ikuya SEK1, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 15 of 21

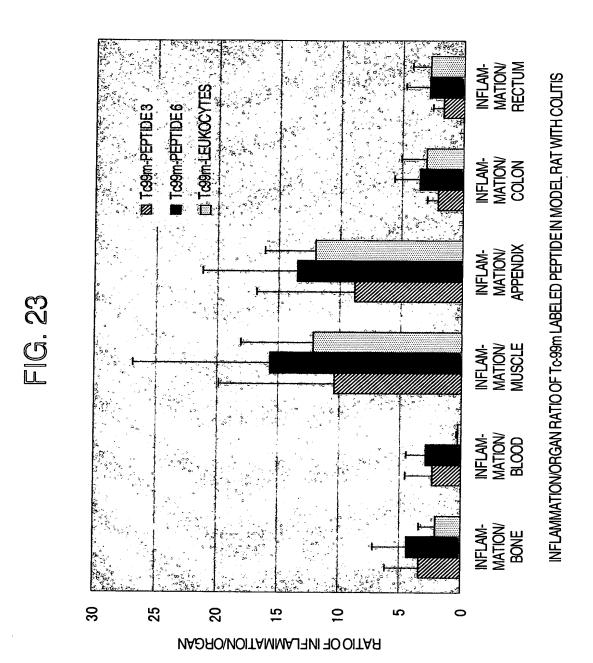
15/21

FIG. 22



IMAGE OF To-99m LABELED LEUKOCYTES IN MODEL RAT WITH COLITIS





National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: 086824

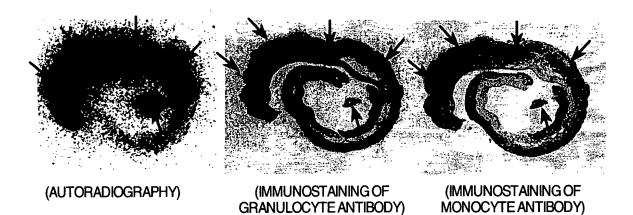
SUGHRUE Reference No.: Q86824 SUGHRUE Telephone No.: 202-293-7060 Sheet 17 of 21

Inventors: Ikuya SEKI, et al.

17/21

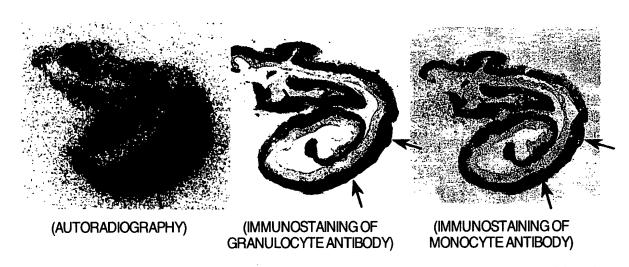
10/528771

FIG. 24



IMAGES OF PEPTIDE 6 ON AUTORADIOGRAPHY AND IMMUNO-STAINING OF RAT WITH COLITIS

FIG. 25

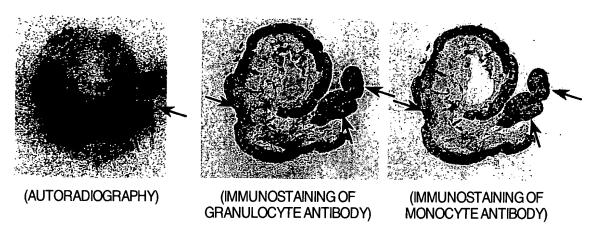


IMAGES OF PEPTIDE 14 ON AUTORADIOGRAPHY AND IMMUNO-STAINING OF RAT WITH COLITIS

Inventors: Ikuya SEKI, et ai.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 18 of 21

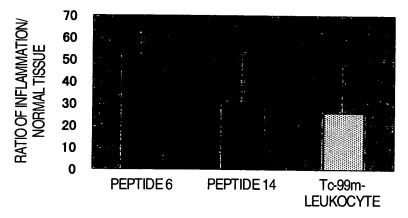
18/21

FIG. 26



IMAGES OF To-99m LABELED LEUKOCYTES ON AUTORADIOGRAPHY AND IMMUNO-STAINING OF RAT WITH COLITIS

FIG. 27



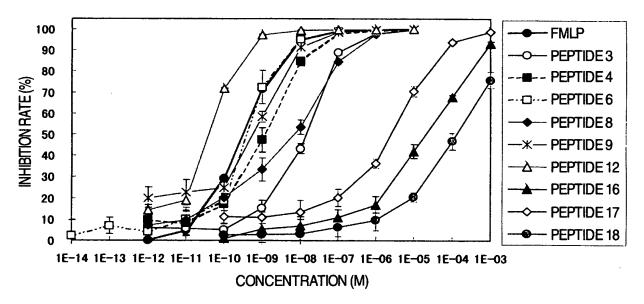
INFLAMMATION/NORMAL TISSUE RATIO OF AUTORADIOGRAPHY OF RAT WITH COLITIS USING To-99m LABELED PEPTIDE AND To-99m LABELED LEUKOCYTES

Inventors. Tkuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 19 of 21

10/528771

19/21

FIG. 28



INHIBITION RATE OF PEPTIDES FOR BINDING BETWEEN RECOMBINANT HUMAN RECEPTOR AND [3H]-FMLP

Inventors: Ikuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 20 of 21

20/21

10/528771

FIG. 29



IMAGE OF To-99m-PEPTIDE 6 IN MODEL RABBIT WITH INFECTIOUS DISEASE WITHOUT INHIBITOR OF FMLP

Inventors: Ikuya SEKI, et al.
National Stage of PCT/JP03/12362
-filed September 26, 2003
Filing Date: March 23, 2005
SUGHRUE Reference No.: Q86824
SUGHRUE Telephone No.: 202-293-7060
Sheet 21 of 21

2.7528771

21/21

FIG. 30



IMAGE OF To 99m-PEPTIDE 6 IN MODEL RABBIT WITH INFECTIOUS DISEASE WITH INHIBITION OF FMLP